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FIG. 1

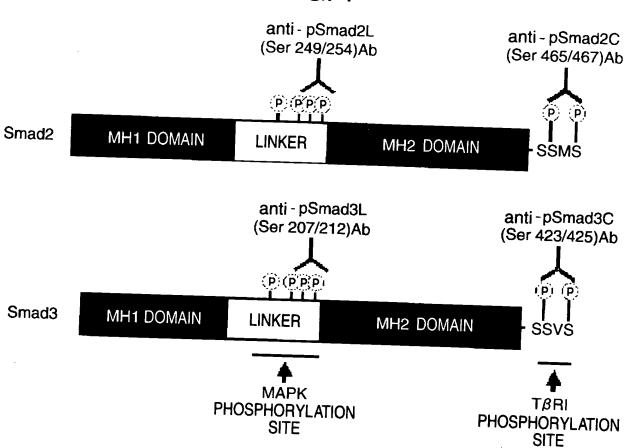


FIG. 2A

EPSM

3S-A

WT

Flag-Smad2

TGF-β,

	, IB:	<u> </u>	
	αpSmad2L		MAPK - dependent pSmad2
IP: α Flag	α pSmad2C		- lgH TBRI dependent pSmad2
	α Flag		Smad2

FIG. 2B

Flag-Smad3 -		WT	EPSM	3S-A
TGF-β ₁	-	- +	- +	- +

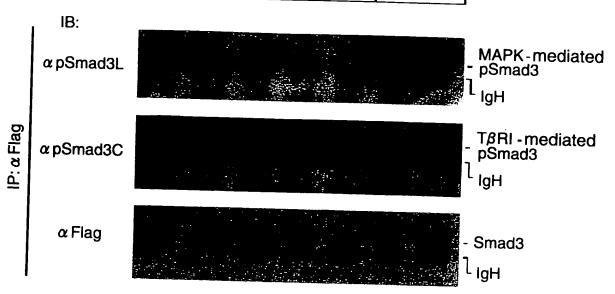


FIG. 2C

EPSM

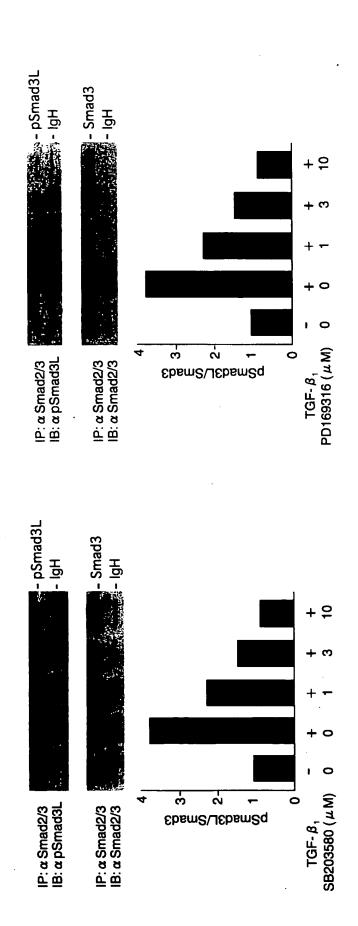
3S-A

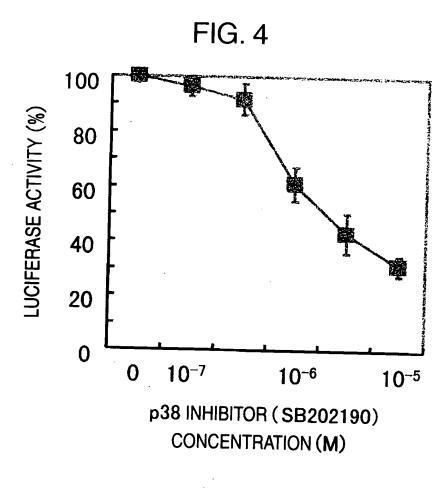
WT

Flag-Smad3

	TGF-β ₁	-	_	+	-	+	-	+	
	ı IB:							GCERRAS A.7"	
	α pSmad3L	The state of	ř.		T. Datas Pure				MAPK-mediated pSmad3
IP: α Flag	αpSmad3C						5. 5.		TBRI - mediated pSmad3
	αFlag								· Smad3

FIG. 3





 $(MEAN \pm S.D. n=7)$

FIG. 5A

DETECTION OF LOCALIZATION IN CELLS

1st Ab:

α pSmad2L α pSmad2C α pSmad3L α pSmad3C

FIG. 5B

DETECTION OF INFLUENCE BY INHIBITOR

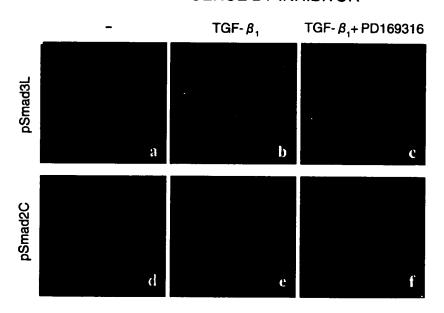


FIG. 6

IMMUNOHISTOLOGICAL EXAMINATION OF PHOSPHORYLATION AT Smad3 LINKER REGION IN LIVER OF HEPATIC FIBROSIS MODEL RAT

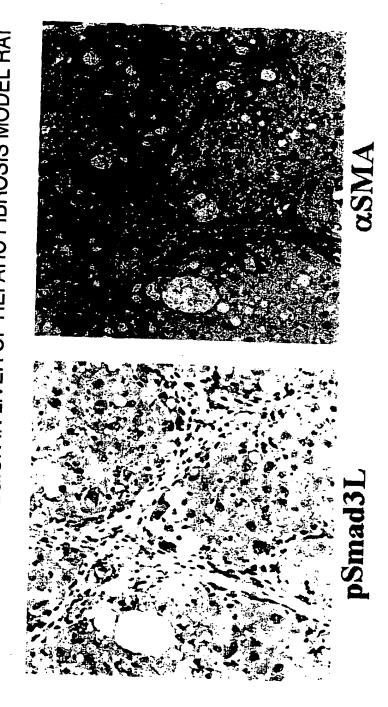
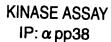


FIG. 7



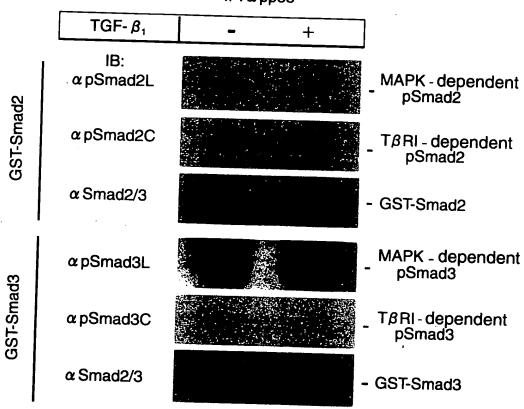


FIG. 8

